IN THE CLAIMS:

1. (Cancelled)

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Previously Presented) A method for installing a volatile organic compound monitoring station for sampling soil gas in the subsurface under a facility, comprising:

creating a surface penetration at a facility;

inserting a monitoring station into the surface penetration, the monitoring station comprising a mounting plate and a generally tubular member extending substantially perpendicularly from the mounting plate; and

forming a seal between the monitoring station and the facility surface, wherein forming a seal between the monitoring station and the facility surface comprises applying a sealant to the facility surface substantially around the surface penetration to facilitate creation of the seal between the monitoring station and the facility surface and positioning the mounting plate on the seal having the generally tubular member extending into the penetration.

6. (Cancelled)

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

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10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Currently Amended) A soil probe for monitoring the subsurface under a facility surface for volatile organic compounds, comprising:

a monitoring port having an end filter in communication with the subsurface under the facility surface, a mounting plate comprising an aperture, and a threaded neck secured to the mounting plate proximate the aperture;

a monitoring port cap configured to close the monitoring port to minimize the movement of undesirable materials between the facility and the subsurface via the monitoring port; ~~and~~

a sampling adaptor configured to interface with the monitoring port and a sampling pump to allow the withdrawal of a soil gas sample from the subsurface under the facility surface; and

a securing member engaging the subsurface under the facility surface and having threads corresponding to and configured to interface with the threaded neck of the mounting plate to secure the mounting plate so that the end filter of the mounting plate extends into the subsurface under the facility surface.

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18. (Cancelled)

19. (Cancelled)

20. (Previously Presented) A soil probe for monitoring the subsurface under a facility surface for volatile organic compounds, comprising:

a monitoring port having an end filter in communication with the subsurface under the facility surface;

a monitoring port cap configured to close the monitoring port to minimize the movement of undesirable materials between the facility and the subsurface via the monitoring port;

a sampling adaptor configured to interface with the monitoring port and a sampling pump to allow the withdrawal of a soil gas sample from the subsurface under the facility surface; and

wherein the monitoring port has a locking aperture; and

further comprising a locking tool for use in the installation of the monitoring port, the locking tool having an end corresponding in size and shape to the locking aperture of the monitoring port.

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Original) The method of claim 5, further comprising:

providing a monitoring cap having a threaded exterior corresponding to and configured to interface with a threaded interior of the generally tubular member;

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providing a sampling adapter having a threaded exterior corresponding to and configured to interface with the threaded interior of the generally tubular member;

providing at least one annular sealing member engaging the monitoring port cap and the generally tubular member to create a seal, the annular sealing member secured to at least one of the monitoring cap the generally tubular member, and the sampling adapter;

threading the monitoring cap into the generally tubular member;

unthreading the monitoring cap; and

threading the sampling adapter into the generally tubular member.

25. (Original) The method of claim 5, further comprising:

positioning a securing member within the surface penetration; and

securing the probe within the securing member; and

expanding the securing member to engage the securing member with a wall of the surface penetration.

26. (Cancelled)

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